

FORM PTO-1390  
(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER  
F-5629 (CORK 100 US)TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371U.S. APPLICATION NO. (If known, see 37 CFR 1.5  
Not yet Assigned  
107031112INTERNATIONAL APPLICATION NO.  
PCT/US01/21188INTERNATIONAL FILING DATE  
July 3, 2001PRIORITY DATE CLAIMED  
July 7, 2000TITLE OF INVENTION  
Medical System, Method and Apparatus Employing MEMS

APPLICANT(S) FOR DO/EO/US William H. Cork, et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English lanugage translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

## Items 11 to 20 below concern document(s) or information included:

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A **FIRST** preliminary amendment.
14.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
15.  A substitute specification.
16.  A change of power of attorney and/or address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20.  Other items or information: U.S. Post Office Express Mail, Label No. EL 845497998US

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office Box Addressee" service under 37 CFR 1.10 on January 11, 2002, and is addressed to Commissioner for Patents, Attn: Box Patent Applications, Washington, D.C. 20231.  
Name: Jeannie Rapstad

Signature: *Jeannie Rapstad*

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/031112

INTERNATIONAL APPLICATION NO.  
PCT/US01/21188ATTORNEY'S DOCKET NUMBER  
F-5629 (CORK 100 US)21.  The following fees are submitted:

## BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. .... \$1040.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .... \$890.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .... \$740.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .... \$710.00

International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .... \$100.00

ENTER APPROPRIATE BASIC FEE AMOUNT =

CALCULATIONS PTO USE ONLY

\$ 740.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$
Total claims	45 - 20 =	25	x \$18.00	\$ 450.00
Independent claims	4 - 3 =	1	x \$84.00	\$ 84.00
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	\$

TOTAL OF ABOVE CALCULATIONS = \$ 1,274.00

<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.	\$
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SUBTOTAL = \$ 1,274.00

Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).	\$
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\$

TOTAL NATIONAL FEE = \$ 1,274.00

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property	\$
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TOTAL FEES ENCLOSED = \$ 1,274.00

	Amount to be refunded:	\$
	charged:	\$

- A check in the amount of \$ 1,274.00 to cover the above fees is enclosed. (Check No. 7982)
- Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.
- The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50/1039. A duplicate copy of this sheet is enclosed.
- Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

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27,357  
REGISTRATION NUMBER

10/031112

JC13 Rec'd PCT/PTO 11 JAN 2002

PATENT

Attorney Docket No. F-5629 (CORK 100 US)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: )  
William H. Cork, et al. )  
Serial No.: Not yet Assigned )  
Filed: January 11, 2002 )  
Group Art No.: Not yet Assigned )  
Examiner: Not yet Assigned )  
For: MEDICAL SYSTEM, METHOD AND )  
APPARATUS EMPLOYING MEMS )

CERTIFICATE OF MAILING BY "EXPRESS MAIL"  
"Express Mail" Mailing Label No.: EL845497998US

Date of Deposit January 11, 2002

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office Box Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the U.S. Patent & Trademark Office, Attn: Box Issue Fee, P.O. Box 2327, Arlington, VA 22202

NAME Jeannie Rapstad

SIGNATURE 

Certificate of Mailing Under 37 CFR 1.10

Commissioner for Patents  
Attn: Box Patent Applications  
Washington, D.C. 20231

I hereby certify that the correspondence listed below is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service, **Label No. EL845497998US** under 37 CFR 1.10 on **January 22, 2002** and is addressed to: Commissioner for Patents, Attn; Box Patent Applications, Washington, D.C. 20231:

1. Transmittal Form PTO/1390 (2 sheets);
2. Power of Attorney Form PTO/SB/81 (6 sheets);
6. Check No. 7982 in the amount of \$1,274.00 in payment of the filing fees; and
7. Return Receipt Postcard.

Name: Jeannie Rapstad

Signed: 